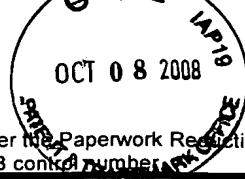


OCT 08 2008



PTO/SB/08 (09-06)

Approved for use through 03/31/2007. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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Sheet 1 of 30

Complete if Known

Application Number	09/899059
Filing Date	07/06/2001
First Named Inventor	Craig A. Rosen
Art Unit	1647
Examiner Name	Guo-Liang Yu

Attorney Docket Number 075977-0122

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
A1	US-4,002,531-		01-11-1977	ROYER	
A2	US-4,179,337-		12-18-1979	DAVIS ET AL.	
A3	US-4,433,092-		02-21-1984	NEMETH	
A4	US-4,444,887-		04-24-1984	HOFFMANN	
A5	US-4,474,893-		10-02-1984	READING	
A6	US-4,631,211-		12-23-1986	HOUGHTEN	
A7	US-4,676,980-		06-30-1987	SEGAL ET AL.	
A8	US-4,708,781-		11-24-1987	VANDER	
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A10	US-4,716,111-		12-29-1987	OSBAND ET AL.	
A11	US-4,741,900-		05-03-1988	ALVAREZ ET AL.	
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A14	US-4,873,191-		10-10-1989	WAGNER ET AL.	
A15	US-4,925,648-		05-15-1990	HANSEN ET AL.	
A16	US-4,946,778-		08-07-1990	LADNER ET AL.	
A17	US-4,980,286-		12-25-1990	MORGAN ET AL.	
A18	US-4,994,560-		02-19-1991	KRUPER ET AL.	
A19	US-5,112,946-		05-12-1992	MAIONE	
A20	US-5,122,464-		06-16-1992	WILSON ET AL.	
A21	US-5,194,392-		03-16-1993	GEYSEN	
A22	US-5,223,409-		06-29-1993	LADNER ET AL.	
A23	US-5,225,539-		07-06-1993	WINTER	
A24	US-5,258,498-		11-02-1993	HUSTON ET AL.	
A25	US-5,274,119-		12-28-1993	FRAZIER ET AL.	
A26	US-5,314,995-		05-24-1994	FELL ET AL.	
A27	US-5,336,603-		08-09-1994	CAPON ET AL.	
A28	US-5,342,604-		08-30-1994	WILSON ET AL.	
A29	US-5,349,052-		09-20-1994	DELGADO ET AL.	
A30	US-5,349,053-		09-20-1994	LANDOLFI	
A31	US-5,359,046-		10-25-1994	CAPON ET AL.	
A32	US-5,399,349-		03-21-1995	PAUNESCU ET AL.	
A33	US-5,403,484-		04-04-1995	LADNER ET AL.	
A34	US-5,413,923-		05-09-1995	KUCHERLAPATI ET AL.	
A35	US-5,427,908-		06-27-1995	DOWER ET AL.	
A36	US-5,428,139-		06-27-1995	KIEFER ET AL.	
A37	US-5,435,990-		07-25-1995	CHENG ET AL.	
A38	US-5,436,146-		07-25-1995	SHENK ET AL.	
A39	US-5,441,050-		08-15-1995	THURSTON ET AL.	
A40	US-5,447,851-		09-05-1995	BEUTLER ET AL.	

Examiner Signature	Date Considered
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Sheet	2	of	30	Application Number	09/899059
				Filing Date	07/06/2001
				First Named Inventor	Craig A. Rosen
				Art Unit	1647
				Examiner Name	Guo-Liang Yu
				Attorney Docket Number	075977-0122

U.S. PATENT DOCUMENTS			
	Document Number		
A41	US-5,460,959-	10-24-1995	MULLIGAN ET AL.
A42	US-5,463,575-	10-31-1995	WHITE
A43	US-5,474,981-	12-12-1995	LEDER ET AL.
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A54	US-5,573,920-	11-12-1996	RANDLE
A55	US-5,580,717-	12-03-1996	DOWER ET AL.
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A58	US-5,601,819-	02-11-1997	WONG ET AL.
A59	US-5,605,793-	02-25-1997	STEMMER
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A61	US-5,622,929-	04-22-1997	WILLNER ET AL.
A62	US-5,625,126-	04-29-1997	LONBERG ET AL.
A63	US-5,633,425-	05-27-1997	LONBERG ET AL.
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A73	US-5,714,631-	02-03-1998	WILSON ET AL.
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A75	US-5,750,753-	05-12-1998	KIMAE ET AL.
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Examiner Signature	Date Considered
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				Filing Date	07/06/2001
				First Named Inventor	Craig A. Rosen
				Art Unit	1647
				Examiner Name	Guo-Liang Yu
				Attorney Docket Number	075977-0122

U.S. PATENT DOCUMENTS					
		Document Number			
	A83	US-5,814,318-	09-29-1998	LONBERG ET AL.	
	A84	US-5,821,047-	10-13-1998	GARRARD ET AL.	
	A85	US-5,830,721-	11-03-1998	STEMMER ET AL.	
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	A87	US-5,837,458-	11-17-1998	MINSHULL ET AL.	
	A88	US-5,876,969-	03-02-1999	FLEER ET AL.	
	A89	US-5,885,793-	03-23-1999	GRIFFITHS ET AL.	
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	A91	US-5,939,598-	08-17-1999	KUCHERLAPATI ET AL.	
	A92	US-5,969,108-	10-19-1999	MCCAFFERTY ET AL.	
	A93	US-5,985,660-	11-16-1999	GALY	
	A94	US-6,075,181-	06-13-2000	KUCHERLAPATI ET AL.	
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UNPUBLISHED U.S. PATENT APPLICATION DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Application Document Serial Number-Kind Code ² (if known)	Filing Date of Cited Document MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A96	WO-00/52028-A1	09-08-2000	HUMAN GENOME SCIENCES, INC.	
	A97	WO-00/64465-A1	11-02-2000	HUMAN GENOME SCIENCES ET AL.	
	A98	EP-0 171 496-B1	05-23-1993	RESEARCH DEVELOPMENT CORPORATION OF JAPAN	
	A99	EP-0 173 494-A2	03-05-1986	THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY	
	A100	DE-196 39 601-A1	09-04-1997	BAYER AG	
	A101	EP-0 239 400-B1	09-30-1987	MEDICAL RESEARCH COUNCIL	

Examiner Signature		Date Considered
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	09/899059
				Filing Date	07/06/2001
				First Named Inventor	Craig A. Rosen
				Art Unit	1647
				Examiner Name	Guo-Liang Yu
Sheet	4	of	30	Attorney Docket Number	075977-0122

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
A102		EP-0 282 317-A2	09-14-1988	AMGEN INC.	
A103		EP-0 307 434-B2	03-22-1989	SCOTGEN BIOPHARMACEUTICALS, INC.	
A104		EP-0 322 094-B1	02-12-1992	DELTA BIOTECHNOLOGY LIMITED	
A105		EP-0 367 166-A1	05-09-1990	TAKEDA CHEMICAL INDUSTRIES, LTD.	
A106		EP-0 394 827-A1	10-31-1990	F. HOFFMAN-LA ROCHE AG	
A107		EP-0 396 387-B1	11-07-1990	RESEARCH DEVELOPMENT FOUNDATION	
A108		EP-0 399 816-B1	12-20-1995	MERCK & CO., INC.	
A109		EP-0 401 384-A1	12-12-1990	KIRIN-AMGEN, INC.	
A110		EP-0 413 622-B1	02-20-1991	RHONE-POULENC RORER S.A.	
A111		EP-0 439 095-A2	07-31-1991	BRISTOL-MYERS SQUIBB CO.	
A112		EP-0 506 477-B1	09-30-1992	MERCK & CO., INC.	
A113		EP-0 519 596-A1	12-23-1992	MERCK & CO., INC.	
A114		EP-0 592 106-B1	04-13-1994	IMMUNOGEN INC.	
A115		EP-0 682 110-A1	11-15-1995	CHIRON CORP.	
A116		WO-86/01533-A1	03-13-1986	CELLTECH LIMITED	
A117		WO-86/05807-A1	10-09-1986	CELLTECH LIMITED	
A118		WO-87/01130-A1	02-26-1987	STAUFFER CHEMICAL CO.	
A119		WO-87/02671-A1	05-07-1987	INTERNATIONAL GENETIC ENGINEERING, INC.	
A120		WO-87/04462-A1	07-30-1987	CELLTECH LIMITED ET AL.	
A121		WO-89/01036-A1	02-09-1989	CELLTECH LIMITED	
A122		WO-89/02036-A1	03-09-1989	UPAT GMBH & CO.	
A123		WO-89/10404-A1	11-02-1989	CELLTECH LIMITED	
A124		WO-89/12624-A1	12-28-1989	CETUS CORPORATION	
A125		WO-90/02809-A1	03-22-1990	PROTEIN ENGINEERING CORP.	
A126		WO-90/11092-A1	10-04-1990	VICAL, INC., ET AL.	
A127		WO-90/13649-A1	11-15-1990	GENENTECH, INC.	
A128		WO-91/00360-A1	01-10-1991	MEDAREX, INC.	
A130		WO-91/06570-A1	05-16-1991	THE UNIVERSITY OF MELBOURNE	

Examiner Signature	Date Considered
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				Art Unit	1647
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	A131	WO-91/06657-A1		05-16-1991	CELLTECH LIMITED	
	A132	WO-91/09967-A1		07-11-1991	CELLTECH LIMITED	
	A133	WO-91/10737-A1		07-25-1991	MOLECULAR AFFINITIES CORP.	
	A134	WO-91/10741-A1		07-25-1991	CELL GENESYS, INC.	
	A135	WO-91/14438-A1		10-03-1991	THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	
	A136	WO-92/01047-A1		01-23-1992	CAMBRIDGE ANTIBODY TECHNOLOGY LIMITED	
	A137	WO-92/05793-A1		04-16-1992	MEDAREX, INC.	
	A138	WO-92/06180-A1		04-16-1992	UNIVRSITY OF CONNECTICUT	
	A139	WO-92/06194-A1		04-16-1992	CONSIGLIO NAZIONALE DELLE RICERCHE	
	A140	WO-92/08495-A1		05-29-1992	ABBOTT BIOTECH, INC.	
	A141	WO-92/08802-A1		05-29-1992	CETUS CORPORATION	
	A142	WO-92/18619-A1		10-29-1992	THE SCRIPPS RESEARCH INSTITUTE	
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	A148	WO-93/20221-A1		10-14-1993	ALEXANDER YOUNG	
	A149	WO-93/21232-A1		10-28-1993	RESEARCH DEVELOPMENT FOUNDATION	
	A150	WO-93/25788-A1		12-23-1993	HOPPE AG	
	A151	WO-94/08598-A1		04-28-1994	ADVANCED TISSUE SCIENCES, INC.	
	A152	WO-94/12649-A1		06-09-1994	GENZYME CORPORATION	
	A153	WO-94/12650-A1		06-09-1994	TRANSKARYOTIC THERAPIES, INC.	

Examiner Signature		Date Considered
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				Art Unit	1647
				Examiner Name	Guo-Liang Yu
Sheet	6	of	30	Attorney Docket Number	075977-0122

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	A154	WO-95/06058-A1	03-02-1995	ROYAL FREE HOSPITAL SCHOOL OF MEDICINE		
	A155	WO-95/15982-A1	06-15-1995	GENZYME CORP.		
	A156	WO-95/20401-A1	08-03-1995	TRUSTEES OF BOSTON UNIVERSITY		
	A157	WO-96/04388-A1	02-15-1996	SMITHKLINE BEECHAM PLC, ET AL.		
	A158	WO-96/26736-A1	09-06-1996	LUDWIG INSTITUTE FOR CANCER RESEARCH ET AL.		
	A159	WO-96/29411-A1	09-26-1996	TRANSKARYOTIC THERAPIES, INC.		
	A160	WO-96/33735-A1	10-31-1996	CELL GENESYS, INC.		
	A161	WO-96/34095-A1	10-31-1996	HUMAN GENOME SCIENCES, INC.		
	A162	WO-96/34096-A1	10-31-1996	CELL GENESYS, INC.		
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	A165	WO-97/33899-A1	09-18-1997	HUMAN GENOME SCIENCES, INC.		
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	A167	WO-97/34911-A1	09-25-1997	HUMAN GENOME SCIENCES, INC.		
	A168	WO-98/02543-A1	01-22-1998	CHUGAI RESEARCH INSTITUTE FOR MOLECULAR MEDICINE, INC.		ABS.
	A169	WO-98/06842-A1	02-19-1998	SCHERING CORP.		
	A170	WO-98/07832-A1	02-26-1998	LUDWIG INSTITUTE FOR CANCER RESEARCH ET AL.		
	A171	WO-98/07880-A1	02-26-1998	HUMAN GENOME SCIENCES, INC.		
	A172	WO-98/11779-A1	03-26-1998	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA		
	A173	WO-98/16654-A1	04-23-1998	JAPAN TOBACCO, INC.		

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				Filing Date	07/06/2001
				First Named Inventor	Craig A. Rosen
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				Examiner Name	Guo-Liang Yu
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	A174	WO-98/18921-A1	05-07-1998	HUMAN GENOME SCIENCES, INC.		
	A175	WO-98/24893-A1	06-11-1998	ABGENIX, INC.		
	A176	WO-98/30693-A2	07-16-1998	HUMAN GENOME SCIENCES, INC.		
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	A178	WO-98/32856-A1	07-30-1998	HUMAN GENOME SCIENCES, INC., ET AL.		
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	A187	WO-98/30694	07-16-1998	HUMAN GENOME SCIENCES, INC.		

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				Examiner Name	Guo-Liang Yu
Sheet	9	of	30	Attorney Docket Number	075977-0122

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				First Named Inventor	Craig A. Rosen
				Art Unit	1647
				Examiner Name	Guo-Liang Yu
Sheet	12	of	30	Attorney Docket Number	075977-0122

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	A242	D. R. THOMSEN et al., "Promoter-regulatory region of the major immediate early gene of human cytomegalovirus," Proc. Natl. Acad. Sci. USA, Vol. 81, February 1984, pgs. 659-663.			
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	A268	G. KÖHLER et al., "Fusion between immunoglobulin-secreting and nonsecreting myeloma cell lines," <i>Eur. J. Immunol.</i> , Vol. 6, (1976), pgs. 292-295.			
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				Art Unit	1647
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				Filing Date	07/06/2001
				First Named Inventor	Craig A. Rosen
				Art Unit	1647
				Examiner Name	Guo-Liang Yu
Sheet	18	of	30	Attorney Docket Number	075977-0122

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				Art Unit	1647
				Examiner Name	Guo-Liang Yu
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Sheet	23	of	30	Application Number	09/899059
				Filing Date	07/06/2001
				First Named Inventor	Craig A. Rosen
				Art Unit	1647
				Examiner Name	Guo-Liang Yu
				Attorney Docket Number	075977-0122

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				First Named Inventor	Craig A. Rosen
				Art Unit	1647
				Examiner Name	Guo-Liang Yu
Sheet	28	of	30	Attorney Docket Number	075977-0122

NON PATENT LITERATURE DOCUMENTS				
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	A450	S. NAGATA et al., "The Fas Death Factor," SCIENCE, Vol. 267, March 10, 1995, pgs. 1449-1456.		T ⁶
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	A461	T. MAIONE et al., "Inhibition of Angiogenesis by Recombinant Human Platelet Factor - 4 and Related Peptides," Science, Vol. 247, Jan. 5, 1990, pgs. 77-79.		
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	A463	T. PATERSON et al., "Approaches to maximizing stable expression of alpha-1-antitrypsin in transformed CHO cells," Appl. Microbiol. Biotechnol., Vol. 40, (1994), pgs. 691-698.		
	A464	T. SMITH et al., "Comparison of Biosequences," Advances in Applied Mathematics, Vol. 2, (1981), pgs. 482-489.		
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	A466	T. YUE et al., "Strausporine-induced Apoptosis in Cardiomyocytes: A Potential Role of Caspase-3," J. Mol. Cell Cardiol., Vol. 30, (1998), pgs. 495-507.		
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	A476	Y. GLUZMAN, "SV40-Transformed Simian Cells Support the Replication of Early SV40 Mutants," Cell, Vol. 23, Jan. 1981, pgs. 175-182.		
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